

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for use in a DC/DC-rectifier, said rectifier comprising a transformer and a bridge on the primary side of the transformer, the primary side bridge comprising a first pair of switches and a second pair of switches, and, on the secondary side of the transformer, a secondary side bridge comprising a first pair of switches and a second pair of switches, said method comprising:

linking on/off-switching of the first pair of switches on the primary side to the on/off-switching of the first pair of switches on the secondary side by switching off the first pair on the secondary side when the first pair on the primary side is switched on, and when the first pair on the primary side is switched off, switching on the first pair on the ~~primary~~secondary side, and

linking on/off-switching of the second pair of switches on the primary side to on/off-switching of the second pair of switches on the secondary side by switching off the second pair on the secondary side when the second pair on the primary side is switched on, and when the second pair on the primary side is switched off, switching on the second pair on the secondary side,

wherein the first and second pairs of switches on the primary side are turned off for longer periods of time than they are switched on, and

wherein the on/off switching of the pairs of switches is carried out by applying individual control voltage pulse trains to each pair of switches, and wherein the control voltage pulse train which is applied to the pair of switches on the secondary side is the inverse of the control voltage pulse train applied to the pair of switches on the primary side to which it is linked.

2-3. Canceled.

4. (currently amended) A DC/DC-rectifier, comprising:

a transformer ;

a primary side bridge on the primary side of the transformer including a first pair of switches and a second pair of switches, and

a secondary side bridge on the secondary side of the transformer including a first pair of switches and a second pair of switches,

means for linking on/off-switching of the first pair of switches on the primary side to the on/off-switching of the first pair of switches on the secondary side by switching off the first pair on the secondary side when the first pair on the primary side is switched on, and when the first pair on the primary side is switched off, switching on the first pair on the secondary side, and

means for linking the on/off- switching of the second pair ~~of~~ of switches on the primary side to on/off- switching of the second pair of switches on the secondary side by switching off the second pair on the secondary side when the second pair on the primary side is switched on, and conversely, when the second pair on the primary side is switched off,

wherein switches on the primary side are turned off for longer periods of time than they are switched on, and

wherein the on/off switching of the pairs of switches is carried out by means for applying individual control voltage pulse trains to each pair of switches, and wherein the control voltage pulse train which is applied to the pair of switches on the secondary side is the inverse of the

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control voltage pulse train applied to the pair of switches on the primary side to which it is  
linked.

5-6. Canceled.